Title (en)
METHOD OF INFERRING DIPLOTYPE CONFIGURATION FROM THE GENOTYPE OF INDIVIDUAL

Title (de)
VERFAHREN ZUR ABSCHÄTZUNG DES DIPLOTYPS AUS DEM GENOTYP EINES INDIVIDUUMS

Title (fr)
PROCEDE PERMETTANT D'EVALUER LE DIPLOTYPE DU GENOTYPE D'UN INDIVIDU

Publication
EP 1386973 A1 20040204 (EN)

Application
EP 02717173 A 20020416

Priority
- JP 0203770 W 20020416
- JP 2001121641 A 20010419

Abstract (en)
Haplotype frequencies of a population were calculated from the genotypic information of each subject to.determine the diplotype distribution based on the haplotype frequencies and genotypic information. A diplotype configuration of an individual can be inferred from the diplotype distribution. Furthermore, the inferred diplotype configuration enables one to calculate the probability of an individual to exhibit a specific phenotype, the probability of a specific drug being effective or having side effects in an individual, etc.

IPC 1-7
C12Q 1/68; C12N 15/09; G06F 19/00

IPC 8 full level
G16B 20/40 (2019.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G06F 17/30** (2006.01); **G16B 20/20** (2019.01)

CPC (source: EP US)
G16B 20/00 (2019.01 - EP); **G16B 20/20** (2019.01 - EP US); **G16B 20/40** (2019.01 - EP US); **G16B 40/00** (2019.01 - EP US)

Cited by
CN103146820A; WO2017120556A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1386973 A1 20040204; **EP 1386973 A4 20040908**; **EP 1386973 B1 20060809**; AT E335851 T1 20060915; DE 60213783 D1 20060921; JP WO2002086161 A1 20040812; WO 02086161 A1 20021031

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EP 02717173 A 20020416; AT 02717173 T 20020416; DE 60213783 T 20020416; JP 0203770 W 20020416; JP 2002583674 A 20020416